



IP7 Rec'd PCT/PTO 31 MAR 2006

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/519,980
Filing Date	January 4, 2005
First Named Inventor	Hirohisa TANAKA
Art Unit	1754
Examiner Name	Cam N. NGUYEN
Attorney Docket Number	71465.0009

ENCLOSURES (Check all that apply)

- | | | |
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| <input type="checkbox"/> Fee Transmittal Form
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PTO Forms SB08A and SB08B with copies
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|---|--|--|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Akerman Senterfitt		
Signature			
Printed name	Jean C. Edwards, Esq. by Sean L. Ingram, Esq. - Reg. No. 48,283		
Date	March 31, 2006	Reg. No.	41,728

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (01-06)

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

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Examiner Name	Cam N. NGUYEN
Art Unit	1754
Attorney Docket No.	71465.0009

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 50-0951 Deposit Account Name: Akerman Senterfitt

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims		
Extra Claims		
Fee (\$)		
Fee Paid (\$)		
Multiple Dependent Claims		
Fee (\$)		
Fee Paid (\$)		

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS fee - without certification**Fees Paid (\$)**

180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 41,728	Telephone 202-824-1719
Name (Print/Type)	Jean C. Edwards, Esq. by Sean L. Ingram, Esq. - 48,283		Date March 31, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hirohisa TANAKA et al.

Group Art Unit: 1754

Application No.: 10/519,980

Examiner: Cam NGUYEN

Confirmation No.: 3217

Attorney Docket No. 71465.0009

Filed: January 4, 2005

Customer Number: 57362

For: EXHAUST GAS PURIFYING CATALYST

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sirs:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the U.S. Patent and Trademark Office is hereby directed to the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B. It is requested that the information on Forms PTO/SB/08A and PTO/SB/08B be considered during the prosecution of this application, and that the references be made of record and appear among the "References Cited" on any issued patent.

Copies of the referenced cited on the PTO Forms SB/08A and SB/08B are submitted herewith.

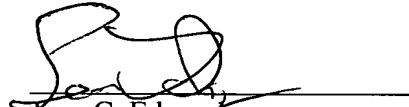
The listed documents were cited in one or more of the following co-pending related applications: 10/520,520, 10/520,068, 10/520,824, and 10/520, 823.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise

remove any listed document as a competent reference against the claims of the present application.

This Information Disclosure Statement is being filed before receipt of a Final Action, Notice of Allowance or Quayle Action. The Commissioner is authorized to charge the fee under 1.17(p) of \$180 per the enclosed fee transmittal to Deposit Account No. 50-0951.

Respectfully submitted,



Jean C. Edwards
Registration No. 41,728

by

Sean L. Ingram
Registration No. 48,283

(57362)
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Date: March 31, 2006

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

Q

2

Complete if Known

Application Number	10/519.980
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Filing Date	January 4, 2005
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First Named Inventor	Hirohisa TANAKA
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Art Unit	1754
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Examiner Name	Cam N. NGUYEN
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Attorney Docket Number	71465.0009
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP H06-210175	08-02-1994	Daihatsu Motor Co., Ltd.		✓
		JP 2000-256017	09-19-2000	Nissan Motor Co., Ltd.		✓

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/519,980		
		Filing Date	January 4, 2005		
		First Named Inventor	Hirohisa TANAKA		
		Art Unit	1754		
		Examiner Name	Cam N. NGUYEN		
Sheet	2	of	2	Attorney Docket Number	71465.0009

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HIROHISA TANAKA et al., An Intelligent Catalyst, Society of Automotive Engineers, 01-2001-1301	
		HIROHISA TANAKA et al., Regeneration of Palladium . . . , Topics in Catalysis, Volumes 16/17, Nos. 1-4, 2001	
		T. MOTOHIRO et al., Time-resolved Time-of-flight Mass Spectrometry . . . (I), Applied Surface Science 121/122 (1997) 319-322	
		T. MOTOHIRO et al., Time-resolved Time-of-flight Mass Spectrometry . . . (II), Applied Surface Science 121/122 (1997) 323-326	
		NOBUHIKO KAJITA et al., "Regeneration of Precious Metals in Various Designed Intelligent Perovskite Catalysts", Society of Automotive Engineers, 2002-01-0735	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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